March 1982


Human Factors in Computer Systems Conference, March 15-17, Gaithersburg, Maryland. Contact Michael L. Schneider, Sperry-Univac, PO Box 200, Blue Bell, PA 19424; (215) 542-5808.

International Workshop on Physics and Medical Imaging, March 15-18, Asilomar, California. Contact Dr. Orhan Nalcioglu, Dept. of Radiological Sciences, University of California, College of Medicine, Irvine, CA 92717.

Workshop on Simulation in Practice and Theory, March 16, Tampa, Florida. Held prior to 15th Annual Simulation Symposium, March 16-19, Tampa, Florida. Contact Prof. Udo W. Pooch, Texas A & M University, Dept. of Industrial Engineering, College Station, TX 77843.


15th Annual Simulation Symposium, March 16-19, Tampa, Florida. (Workshop: March 16; Symposium: March 17-19.) Contact Edward A. DeYoung, Caterpillar Tractor Co., 600 W. Washington St., East Peoria, IL 61630.


Seventh West Coast Computer Fair, March 19-21, San Francisco, California. Contact Laurie McLean, 333 Swett Rd., Woodside, CA 94062; (415) 851-7075.

National Conference on Information Systems Education, March 22-24, Chicago, Illinois. Contact Conference Manager, USPDG, 12611 Davan Dr., Silver Spring, MD 20904; (301) 622-0066.

Interface 82, March 22-25, Dallas, Texas. Contact The Interface Group, PO Box 927, Framingham, MA 01701; (617) 879-4502.


Tutorial Week East 82, March 22-26, Orlando, Florida. (Being held in parallel with IEEE Southcon'82. Free shuttle service available between the two conferences.) Contact Tutorial Week East, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


Micro lithography VII—The Advent of Submicron Lithography, March 29-30, San Jose, California. Contact SPIE, PO Box 10, Bellingham, WA 98227.

Robotics: Fundamental and Technology of Computerized Robots, March 29-30, St. Louis, Missouri. Contact Martha K. Fort, 105-AHSS, University of Missouri, Rolla, MO 65401; (314) 341-4304.

Principles of Database Systems Conference, March 29-31, Los Angeles, California. Contact Prof. Seymour Ginsburg and Dennis McLeod, both of the Dept. of Computer Science, University of Southern California, Los Angeles, CA 90007.

Information Utilities 82, March 29-31, New York. Contact Dr. John Paul Emard or Jeff Pemberton, Online, Inc., 11 Tannery Ln., Weston, CT 06883; (203) 227-8466.

Infocom 82, March 29-April 2, Las Vegas, Nevada. Contact Infocom 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

CAD 82, March 30-April 1, Metropole, Sussex, United Kingdom. Contact Alan Pipes, IPC Science and Technology Press, PO Box 63, Westbury House, Bury St., Guildford GU2 5BH, UK.

April 1982

Southeastcon 82 (IEEE et al.), April 4-7, Destin, Florida. Contact Carolyn C. Schauble, U.F. Graduate Engineering Center, PO Box 1918, Eglin Air Force Base, FL 32542; (904) 882-5614.


Fifth International Symposium on Programming, April 6-8, Torino, Italy. Contact S. Ronchi, ISI, C.M. D'Azezegli 42, 10125 Torino, Italy.


Sixth European Meeting on Cybernetics and Systems Research, April 13-16, Vienna, Austria. Contact Prof. Robert Trappl, Dept. of Medical Cybernetics, University of Vienna, Freyung 6/2, A-1010 Vienna, Austria.

14th Annual Southeastern Symposium on System Theory, April 14-16, Blacksburg, Virginia. Contact Dr. Richard Claus, Dept. of EE, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061.

12th Annual Virginia Computer Users Conference, April 16-17, Blacksburg, Virginia. Contact Deide M. Maskaleris, 562 McBryde Hall, VIR&SU, Blacksburg, VA 24061; (703) 961-6931.

ACM SIGSOF S Second Software Engineering Symposium, April 19-21, Columbia, Maryland. Contact Dr. Marvin Zeikowitz, Dept. of Computer Science, University of Maryland, College Park, MD 20742.


Continued on p. 113
IEEE Transactions on Computers is soliciting papers on a special issue on computer arithmetic. Submit five copies of manuscript, including abstract, index terms, and illustrations by April 15, 1982, to R. T. N. Rao, Dept. of Computer Science, University of Southern California, Los Angeles, CA 90024.


25th Midwest Symposium on Circuits and Systems: August 30-31, 1982, Houghton, Michigan. Research or tutorial papers are solicited on aspects of circuit and system theory, communications, robotics, and signal processing, or computer-aided design. Submit two copies of a 1000-word summary by April 17, 1982, to Prof. Paul Lewis, Dept. of EE, Technological University, Houghton, MI 49931.


Compac 82, IEEE Computer Society’s Sixth International Computer Software and Applications Conference: November 1-2, 1982, Chicago, Illinois. (Tutorials: November 6-9; Conference and Exhibition: November 10-12) Papers are solicited on all aspects of software systems and applications in advanced automation, telecommunications, biomedicine, education, and business. Send five copies of a 1000-5000-word paper by May 1, 1982, to Compac 82 Program Vice-Chairman, R. H. Kuhn, Dept. of EE and Computer Science, Northwestern University, Evanston, IL 60201; (312) 492-7193.

IEEE Transactions on Computers will publish a special issue on recent developments in the design and implementation of family of computers in May 1983. Manuscripts on new user apparent architectures and implementation architectures are solicited. Major focus should be on detailed descriptions of design tradeoffs made and methodology used. Submit papers by July 1, 1982, to Fernando C. Col- on-Osorio, Digital Equipment Corp., 75 Reed Rd., Hudson, MA 01749; (617) 568-1431.


12th Conference on Computer Audit, Control, and Security, April 19-23, New York, New York. Contact Eugene Shapero, PO Box 2051, Winter Park, FL 32789; (305) 628-5515.

Autofact-Mexico, April 20-22, Mexico City, Mexico. Contact SMC, PO Box 930, Dearborn, MI 48128; (313) 271-0023.

Hanover Fair 82, April 21-25, Hanover, West Germany. Contact Hanover Fairs Information Center, PO Box 338, Whitehouse, NJ 08888; (201) 534-9044.


Tutorials Week Europe 82, April 24-28, Hanover, Germany. Five days of tutorials in three tracks covering key areas of computer hardware, software, and applications technology will be held concurrently with the Hanover Fair, the largest engineering and industrial exhibition in the world. Contact Tutorial Week Europe 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


Ninth Annual International Symposium on Computer Architecture, April 26-29, Austin, Texas. Contact Computer Architecture, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.

May 1982

Canadian Conference on Industrial Computer Systems, May 3-5, Hamilton, Canada. Contact Dr. J. D. Wright, Xerox Research Center of Canada, 2660 Speakman Dr., Mississauga, Ontario L5K2L1, Canada; (416) 823-7091.


Eighth Annual Computer Graphics Conference, May 4-6, Detroit, Michigan. Contact Carol Lynn, Engineering Society of Detroit, 100 Farmsworth Ave., Detroit, MI 48202; (313) 832-5400.


Application of Optical Instrumentation in Medicine X, May 9-11, New Orleans, Louisiana. Contact SPE, PO Box 10, Bellingham, WA 98227.

Phoenix Conference on Computers and Communications, May 9-12, Phoenix, Arizona. Contact Leroy N. Templeton, Jr., Honeywell, 18404 North Black Canyon Hwy., Phoenix, AZ 85023; (602) 997-3924.


32nd Electronic Components Conference, May 10-12, San Diego, California. Contact D. J. Bendz, IBM Corp., Dept. 649/0144, 1701 North St., Endicott, NY 13760.

SID 1982 International Symposium, May 11-13, San Diego, California. Contact Ray Chang, IBM Research Center, Box 218, Yorke Town Hqts., IL 60598; (914) 945-1234.

Workshop on Effectiveness of Program Testing and Proving Methods, May 11-13, Avalon, California. Contact Dr. William E. Howden, EEC, C-014, University of California at San Diego, La Jolla, CA 92035.


International Workshop on High-Level Language Computer Architecture, May 24-28, Ft. Lauderdale, Florida. (Tutorials: May 24-25; Workshop: May 26-28) Contact Dr. Yachun Chu, Dept. of Computer Science, University of Maryland, College Park, MD 20742; (301) 454-4245.


12th International Symposium on Multiple-Valued Logic, May 25-27, Paris, France. (There is a possibility that a group travel award will become available.) Contact the Symposium Chairman, Michel Israel, IEEE-CNAM, 292 Rue Saint-Martin, 75141, Paris Cedex 03, France; tele (1) 271 24 14, ext. 511, or the Symposium Co-Chairman, Jon C. Muzio, Dept. of Computer Science, University of Manitoba, Winnipeg, Manitoba R3T 2N2, Canada; (204) 474-9740.

Contact John R. Ferchak, US Consulate General, Amsterdam, Netherlands; tel. (20) 790321.

**Trends and Applications 1982: Advances in Information Technology, May 27, Gaithersburg, Maryland. Contact Leon Scharf, ADPESCO, Dep't of Navy, Washington, DC 20376; (301) 433-2547.**

**June 1982**


**National Computer Conference, June 7-10, Houston, Texas, Contact AFIPS, 1815 N. Lynn St., Arlington, VA 22209.**

**1982 IFIP-IFAC International Conference on Computer Applications in the Automation of Shipyard Operation and Ship Design (ICCAS '82), June 7-10, Annapolis, Maryland. Contact Prof. David F. Rogers, ICCAS '82 Office, Computer Aided Interative Graphics Group, Divi-ision of Engineering & Weapons, United States Naval Academy, Annapolis, MD 21402; (301) 267-3283.**

Sixth IFAC Symposium on System Identification and Parameter Estimation, June 7-11, Washington, DC. Contact George A. Beker, Dept. of EE, University of Southern California, Los Angeles, CA 90007; (213) 743-2995.


**ICO 82, International Conference on Communications (IEEE et al.), June 13-17, Philadelphia, Pennsylvania. Contact Merrill W. Buckley, Jr., RCA Missile and Surface Radar, Moorestown, NJ 08057; (609) 778-2554.**

**Medgraphic 82, June 13-17, Anaheim, California. Contact Larry T. Cook, The University of Kansas, Dept. of Diagnostic Radiology, College of Medicine, 3000 North Rainbow Blvd., Kansas City, KS 66103; (913) 588-6800.**

**19th Design Automation Conference, June 14-16, Las Vegas, Nevada. Contact Design Automation Conference, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.**

**PRIP 82—Conference on Pattern Recognition and Image Processing, June 14-17, Anaheim, California. Contact PRIP, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.**

**Eurocon 82, Fifth European Conference on Electrotechnics (IEEE et al.), June 14-18, Copenhagen, Denmark. Contact DIUE, Danish Engi- neers' Post Graduate Institute, The Technical University of Denmark, Bldg. 208, DK-2600 Lyngby, Denmark.**

**ICISA, International Conference on Information Systems Auditing, June 16-18, Milan, Italy. Contact Giorgio Caldara, Sperry Univac, Via Pola 9, 10214 Milano, Italy.**


**American Society for Engineering Education Annual Conference, June 20-24, College Station, Texas. Contact American Society for Engi- neering Education, Suite 400, One Dupont Cir- cle, Washington, DC 20036.**

**IEEE International Symposium on Information Theory, June 21-25, Les Arcs, France. Contact Prof. Carl W. Helstrom, Dept. of Electrical Engineering and Computer Science, C0014, University of California, San Diego, La Jolla, CA 92039; (714) 452-3816.**

**NATO Advanced Study Institute on Image Sequence-Processing and Dynamic Scene Analysis, June 21-27, Braunlaiirg, West Germany. Contact Prof. T. S. Huang, Coor- dinated Science Laboratory, University of Il- linois, 1101 West Springfield Ave., Urbana, IL 61801; (217) 33-2511.**

**FTCS-12, 1982 International Symposium on Fault-Tolerant Computing, June 22-24, Santa Monica, California. Contact David A. Ren- nels, UCLA, 3743 Boelter Hall, Los Angeles, CA 90024; (213) 825-2660.**

**Second International Conference on Database Management/and Database Systems, June 22-24, Jerusalem, Israel. Contact Peter Scheuermeier, Dept. of Electrical Engi- neering and Computer Science, Northwestern University, Evanston, IL 60201; (312) 492-7114.**

**Infodial, International Congress and Exhibition on Data Bases and Data Banks, June 22-25, Paris, France. Contact SICOB, 6, place de Valois, F-75001 Paris, France; tel. (1) 261 52 42.**

**NECC 82, National Educational Computing Conference, June 28-30, Kansas City, Missouri. Contact E. Michael Staman, University of Missouri, Computer Services, 305 Jesse Hall, Columbia, Missouri 65211.**

**Videotox 82, June 28-30, New York, New York. Contact Online Conferences Limited, Argyle House, Joel St., Northwood Hills, HA6 1TS, Mid- dieses, UK.**

**July 1982**

**1982 International Conference on Advanced Automation, July 13-15, Taipei, Taiwan, Repub- lic of China. Contact Prof. Julius T. Tou, Center for Information Processing, University of Florida, Gainesville, FL 32611; (904) 392-0932.**

**Summer Computer Simulation Conference, July 19-21, Denver, Colorado. Contact Marvin F. Anderson, Dept. of Electrical and Computer Engi- neering, University of Colorado, 1100 14th St., Denver, CO 80220; (303) 629-2665.**

**Symposium on Reliability in Distributed Software and Database Systems, July 20-21, Pittsburgh, Pennsylvania. Contact Prof. Bharat Bhargava, Dept. of Computer Science, A-319, University of Pittsburgh, PA 15260.**


**Siggraph 82, July 26-30, Boston, Massachu- setts. Contact Elaine L. Sonderegger, PO Box 353, Derby, CT 06418; (203) 735-9980.**

**August 1982**

**Performance Evaluation of Computer Systems and Networks at IMACS-10, August 8-13, Mon- treal, Canada. Contact IMACS, c/o Dept. of Com- puter Science, Rutgers University, New Bruns-wick, NJ 08803.**

**Second International Conference in Computer Science, August 9-13, Santiago, Chile. Contact Prof. Daniel M. Berry, 35310 Boelte Hall, Com- puter Science Dept., University of California, Los Angeles, CA 90024.**


**15th International Congress on High Speed Photography and Photonics, August 21-27, San Diego, California. Contact SPIE, PO Box 10, Bellingham, WA 98227; (206) 676-3260.**

**1982 International Conference on Parallel and Distributed Processing, August 24-27, Bellaire, Michi- gan. Contact Dr. Tse-yun Feng, Dept. of Com- puter and Information Science, The Ohio State University, 2036 Neil Ave. Mall, Columbus, OH 43210; (614) 422-1408.**

**25th Midwest Symposium on Circuits and Systems, August 30-31, Houghton, Michigan. Con- tact Prof. Paul Lewis, Dep. of EE, Michigan Technological University, Houghton, MI 49931.**

**11th International Symposium on Mathematical Foundations of Computer Science—MFCS '82, August 30-September 3, Gdansk, Poland. Contact Witold Lipski, Jr., MFCS '82 Institute, Institute of Computer Science, Polish Academy of Sci-ences, PO Box 22, 00-901 Warsaw PKIN, Poland.**

**September 1982**

**ECICS 82, The European Conference on Integrated Interactive Computing Systems, September 1-3, Stress, Italy. Contact Maria Simi, Istituto di Scienze dell‘Informazione, Corso Italia 40, I-56100 Pisa, Italy; tel. 39 50 40862.**

**Second International Symposium on Distributed Databases, September 1-3, West Berlin Germany. Contact Prof. Dr. Hans-Jochen Schneider, Technische Universität Berlin, KU-1, Kurfürstendamm 202, D-1000 Berlin 15, Germany.**

**Euromicro 82, September 5-8, Haifa, Israel. Con- tact M. Yoeli, Computer Science Dept., Techni- on-Israel Institute of Technology, Technion City, Haifa 32000, Israel; tel. (972) (4) 225111.**

**ICCC 82, Sixth International Conference on Computer Communication, September 7-10, London, England. Contact ICCC 82, PO Box 23, Northwood Hills HAB 1TT, Middlesex, UK.**

**Eurographics 82, September 8-10, Manchester, England. Contact Eurographics, 170A Park Rd., Peterborough, England PE1 2QF.**

**ASME 1982 Design Automation Conference, September 12-15, Washington, DC. Not to be confused with the IEEE Computer Society/ACM Annual Design Automation Conference.) Contact Prof. Kenneth M. Raggedel, Purdue University, School of Mechanical Engineering, West Lafayette, IN 47907; (317) 494-8607.**
Sixth International Conference on Software Engineering, September 9-11, Tokyo, Japan. Contact: Sixth International Conference on Software Engineering, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


Compcon Fall 82, September 20-24, Washington, DC. Contact Compcon Fall 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


IEEE 1982 International Conference on Circuits and Computers (ICCC), September 29-October 1, New York, New York. Contact Dr. John Golembeski, Bell Telephone Laboratories, Rm. 3E-217, Holmdel, NJ 07733; (201) 949-4974.

October 1982


Sococo 82, Third IFAC/FIFIP Symposium on Software for Computer Control, October 5-8, Madrid, Spain. Contact Sococo 82, E.T.S Ingenieros Industriales, Castellana 84, Madrid-6, Spain.

Annuelf Conference of the Italian Computer Society, October 6-8, Padova, Italy. Contact Prof. Luigi Manani, Istituto di Elettrotecnica ed Elettronica, Universita di Padova, Via Gradenigo n. 6A, 35100 Padova, Italy.

Workshop on Automotive Applications of Microprocessors (IEEE et al.), October 7-8, Dearborn, Michigan. Contact Patrick P. Fasang, Siemens Corporation, Corporation Research & Technology, PO Box 5031, Cherry Hill, NJ 08034.

Large Scale Systems Symposium, October 11-13, Virginia Beach, Virginia. Contact Dr. Stephen J. Kahne, National Science Foundation, Division of Elect. Comp. and Systems Engineering, 1800 G St. NW, Washington, DC 20550.

Safe Comp 82 Workshop (IEEE et al.), October 11-14, West Lafayette, Indiana. Contact Roy W. Yunker, PPG Industries, One Gateway Center, Pittsburgh, PA 15222.

Seventh Conference on Local Computer Networks, October 12-13, Minneapolis, Minnesota. Contact Rick Tett, Program Chair-

man, 4425 North Victoria St., Shoreview, MN 55112; (612) 484-7611.

Journees D’Elecronique 82, International Conference on Optoelectronics in Telecommunication and Measurement Systems, October 12-14, Lausanne, Switzerland. Contact Selection Committee, Secretariat des Journees d’elec-
tronique, Departement d’electricite-EFPL, Cheminde Bellevue 16, CH-1007 Lausanne, Switzerland.

Ninth Annual International Conference on Computers in Cardiology, October 12-15, Seattle, Washington. Contact William J. San-
ders, Cardiology Division, Stanford University, Palo Alto, CA 94305.

Third International Conference on Distributed Computing, October 18-21, Ft. Lauderdale, Florida. Contact Howard J. Siegel, School of EE, Purdue University, West Lafayette, IN 47907; (317) 493-9252.

Informatica 82, 15th Brazilian National Informatics Congress, October 18-24, Rio de Janeiro, Brazil. Contact R. Colcher, Sucesso-Sociedade Dos Usuarios de Computadores e Equipamen-
tos Subsidiaries, Rua Do Darmo, 57-6 Andar, 2011 Rio de Janeiro, Brazil.

Sixth International Conference on Pattern Recognition, October 19-22, Munich, Germany. Contact Prof. Dr. H. Marko, Lehrstuhl fur Nachrichtentechnik, der Technischen Univer-
sitat, Munich, 8000 Munich, Federal Repub-
lic of Germany.

1982 ACM Annual Conference, October 25-27, Dallas, Texas. Contact William Burns, ACM 82 Chairman, E-Systems, Inc., PO Box 26118, Dallas, TX 75266; (214) 272-0515, ext. 3916.


International Symposium on Medical Imaging and Image Interpretation, October 26-28, Berlin, West Germany. Contact (in the USA) Dr. Judith M.S. Prewitt, Div. of Com-
puter Research and Technology, Office of the Director, Building 12A, Room 2053, National In-
stitutes of Health, Bethesda, MD 20020, or (in Europe) Dr. Siegfried J. Popp, Dept. of Signal Penetration, Computer Technology, MEDI$ Institut fuer Medizinische, Informatik und System forschung, Ingolstaedter Landstr. 1 D-8042 Neuherrlich, F.R. Germany.

1982 IEEE International Conference on Cybernetics and Society, October 28-30, Seattle, Washington. Contact William B. Rouss, Course Chairman, Man-Machine Systems Research, School of Industrial and Systems Engineering, Georgia Insti-
tute of Technology, Atlanta, GA 30332; (404) 894-3996.

Sixth Annual Symposium on Computer Applications in Medical Care, October 30-November 2, Washington, DC. Contact Bruce E. Blum, Symposium Program Chairman, Johns Hopkins University, Drayton 514, Baltimore, MD 21205; (301) 955-8379.

November 1982

Compacs 82, The IEEE Computer Society’s Sixth International Computer Software and Applications Conference, November 8-12, Chicago, Illinois. (Tutorials: November 8-9; Conference and Exhibition: November 10-12.) Contact Compacs 82, PO Box 639, Silver Spring, MD 20901; (301) 589-3386.


Midcon 82 (IEEE et al.), November 30-December 2, Dallas, Texas. Contact Electronic Conventions, Inc., 999 North Sepulveda Blvd., El Segun-
do, CA 90245; (213) 772-2955.

December 1982

Tencon 82, VLSI and Microcomputers: Today and Tomorrow—December 6-8, Hong Kong. Contact S. Y. King, Dept. of EE, University of Hong Kong, Hong Kong.

First International Information Conference in Egypt, December 13-15, Cairo, Egypt. Spon-
ored by the Egyptian Society for Information Technology and the American Society for In-
mations Science. Contact Bahaa El-Hadidy, ESIT/ASS/S Conference Chair-Committee, Graduate School of Library and Information Science, Catholic University of America, Washington, DC 20064; (202) 635-5085.

1983


First International Symposium on Automated Manufacturing, April 5-6, San Diego, California. Contact Symposium General Chair-

13th International Symposium on Multiple-Valued Logic, May 23-25, Tokyo, Japan. Contact Dr. Tsutomu Sasaki, Faculty of Engi-
neering, Yamada-Kami, Suita, Osaka, Japan 565.

Sixth International Symposium on Computer Hardware Description Languages and Their App-
lications, May 23-25, 1983, Pittsburgh, Penn-
sylvania. Contact Takao Uehara, Information Processing Laboratory, Fujitsu Laboratories LTD., 1014 Kawasaki, Japan 211 or Marco Bar-
bacci, Dept. of Computer Science, Carnegie-Mellon University, Pittsburgh, PA 15213.

13th International Symposium on Multi-
ple Valued Logic, May 23-25, Tokyo, Japan. In Japan contact Padhriy Kiratashashi, Toyohashi University of Technology, Toyo-
hashi, 440 Japan; tele: 0532-47-0111, extension 520. In the US contact Jon T. Butler, North-
western University, Dept. of Electrical Engineer-
ing and Computer Science, Evanston, IL 60201; (312) 492-5628.

Sixth International Conference on Digital Satellite Communications, September 18-23, Phoenix, Arizona. Contact Howard B. Birley, Conference Administrator, ICOSC-6, c/o Con-
act, 950 L’Enfant Plaza, S.W., Washington, DC 20024; (202) 836-6248.